



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

SERIAL NUMBER 09 736,850	FILING DATE 12/18/00	FIRST NAMED APPLICANT MARIAF ZA	ATTORNEY DOCKET NO. B 7607,0001-00
EXAMINER			
ART UNIT		PAPER NUMBER	
3662			

07M1/0206
FINNEGAN HENDER FARABOW GARRETT & DUNNER
1300 I STREET NW
WASHINGTON DC 20005-3315



DATE MAILED: 02/06/01

REQUIREMENT TO PROVIDE PROPER SECURITY STATUS OF APPLICATION

☒ This application was filed with national security markings but without a recommendation for a secrecy order under 35 USC § 181. The applicant must either remove the markings, or obtain a secrecy order.

☐ This application includes a secrecy order under 35 USC § 181 but was filed with improper national security markings.

The national security markings placed on this application:

- ☐ appear to be in compliance with the provisions of Executive Order 12958.
- ☐ are not in compliance with the following provisions of Executive Order 12958:
 - ☐ they do not use the terms "Confidential," "Secret" or "Top Secret;"
 - ☐ they do not include a concise reason for classification;
 - ☐ they do not identify by name, or personal identifier, and position of the original classification authority;
 - ☐ they do not identify the agency and office of origin;
 - ☐ they do not include proper declassification instructions.

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If the national security markings have been identified above as not being in compliance with Executive Order 12958 and the applicant does not remove such markings, the applicant is also required to correct any deficiencies in the markings in response to this requirement.

Obtaining a Secrecy Order and/or correcting or removing security markings:

Since this application has been filed with national security markings, it is presumed that the federal agency having the property interest in the invention has reviewed the subject matter for national security purposes (if there is no government property interest in this application, applicant should so state in response to this letter). Applicant is advised that an agency security review must include a determination of whether to recommend a secrecy order under 35 USC § 181. A properly classified patent application would qualify for a secrecy order. However, no secrecy order recommendation has been received for this application. Applicant is required to contact the federal agency having a property interest in this application and either:

1. obtain a secrecy order recommendation from the federal agency, and/or
2. obtain authorization to remove all security markings from the application or correct the deficiencies in the markings.

If no secrecy order recommendation and/or authorization to cancel/correct the security markings can be obtained from the federal agency within TWO MONTHS from the mailing of this letter, applicant must provide full details of all efforts taken to obtain such information and must, at a minimum provide the full name, telephone number, office and agency of the relevant security contact person at the federal agency (if there is no federal property interest in the application, the response must so state).

L & K



PATENT
Customer Number 22,852
Attorney Docket No.: 7607.0001-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bassem R. Mahafza

Serial No.: 09/736,850

Filed: October 5, 2000

For: METHODS AND SYSTEMS FOR
IMPROVED EXTRACTION OF A
SIGNAL FROM A NOISY
ENVIRONMENT

)
)
) Group Art Unit: 3662
)
) Examiner: Unassigned
)
)
)

Attention: Licensing and Review Branch
Assistant Commissioner for Patents
Washington, DC 20231

LICENSING & REVIEW

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A
Bates
3-20-02

Sir:

**RESPONSE TO REQUIREMENT TO PROVIDE
PROPER SECURITY STATUS OF APPLICATION**

In response to the communication of February 6, 2001, Applicant encloses a copy of a Communication dated October 2, 2000, which Applicant submitted with the application on October 5, 2000 (the date of filing), and a copy of the Requirement to Provide Proper Security Status of Application. Applicant respectfully requests that the agencies listed in the Communication review the application for national security purposes and make a determination of whether to recommend a secrecy order under 35 U.S.C. § 181.

On March 20, 2001, the undersigned spoke with Mr. Charles Jordan of the Licensing and Review Branch and explained that the subject application was hand-carried to PTO and delivered to the Licensing and Review Branch on October 5, 2001, with the enclosed Communication. The assignee, a government contractor, had marked the application with security markings. We directed Mr. Jordan's attention to

LAW OFFICES

FINNEGAN, HENDERSON,
FARABOW, GARRETT
& DUNNER, L.L.P.
STANFORD RESEARCH PARK
700 HANSEN WAY
PALO ALTO, CALIF. 94304
650-849-6600

the Communication and he suggested that we simply resubmit a copy of the Communication in response to this Requirement.


Mr. Jordan also electronically verified that the filing date of this application has been amended to reflect that it was filed on October 5, 2000, not December 18, 2000, as is listed on the Requirement.

Please grant any extensions of time required to enter this response, and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: April 5, 2001

By: 
Linda O. Thayer
Reg. No. 45,681

LAW OFFICES

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STANFORD RESEARCH PARK
700 HANSEN WAY
PALO ALTO, CALIF. 94304
650-849-6600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:)
)
Bassem R. MAHAFFSA)
)
Serial No.: Not Yet Available) Group Art Unit: Not Yet Assigned
)
Filed: October 5, 2000) Examiner: Not Yet Assigned
)
For: METHODS AND SYSTEMS FOR)
IMPROVED EXTRACTION OF A)
SIGNAL FROM A NOISY)
ENVIRONMENT)

COMMUNICATION

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

The invention disclosed in the patent application filed herewith was developed under an internal Research and Development Program of the Assignee, Colsa Corporation, and, consequently, no specific Department of Defense (DoD) classification guidance was provided. The Assignee, however, has other contracts with the government for which classification guidelines have been issued. Based on the Assignee's knowledge of classification guidelines contained in DD-254s issued in these contracts, Assignee believes that the subject matter disclosed in the present application may be subject to DoD classification at least to the Secret level, particularly when used with Electronic Counter-Countermeasure (ECCM) techniques.

The following government personnel have knowledge of the present invention and may be able to assist in the classification process:

LTC Jim Myers, USAF
Ballistic Missile Defense Organization (BMDO)
1111 Jefferson Davis Hwy
Arlington, VA 22202
(703) 601-4219

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Mr. Mike Walder, Navy PMS 400
Department of the Navy
Code 5342
Navy Research Laboratory
4555 Overlook Ave., SW
Washington, DC 20375-5326
(703) 418-8040

Mr. John Crawford
National Missile Defense Program Office
ATTN: JNX-E
P.O. Box 1500
Huntsville, AL 35807-3801
(256) 313-9556

The undersigned also holds the appropriate government clearance and is available to answer any questions regarding this patent application. The undersigned may be reached at: (650) 849-6621.

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Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW
GARRETT & DUNNER, L.L.P.

Dated: October 2, 2000

By: Linda J. Thayer
Linda J. Thayer
Reg. No. 45,681

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Bassem R. Mahafza) Group Art Unit: 3662
)
Serial No.: 09/736,850) Examiner: Unassigned
)
Filed: October 5, 2000)
)
For: METHODS AND SYSTEMS FOR)
IMPROVED EXTRACTION OF A)
SIGNAL FROM A NOISY)
ENVIRONMENT)

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

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REQUEST FOR CORRECTED
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

We enclose a copy of the Notice of Recordation of Assignment Document that we recently received for this application. We have reviewed the Notice and note that the filing date of the application is incorrectly recorded. Please correct the recordation date to reflect the correct filing date of October 5, 2000.

On December 18, 2000, the PTO notified us that this application had mistakenly not been given a filing date. Unfortunately, the PTO then recorded as the filing date the date that the PTO recognized the mistake instead of the day (October 5, 2000) that the application was hand-carried to the PTO and filed. Applicant has since filed the necessary paperwork to correct the filing date and was told on March 18, 2001, by Mr. Charles Jordan of the Licensing and Review Branch that the PTO's electronic docketing system now reflects the correct filing date of October 5, 2000.



Since the error is on the part of the Patent Office, no fee is required. However, if it is determined that any fees are due in connection with the filing of this Request, please charge such fees to Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: April 5, 2001

By: *Linda J. Thayer*
Linda J. Thayer
Reg. No. 45,681

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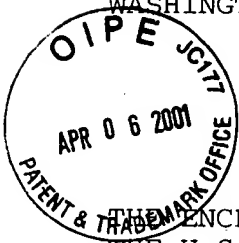
MARCH 13, 2001

PTAS
FINNEGAN, HENDERSON, FARABOW, ET. AL.
LINDA J. THAYER
1300 I STREET, N.W.
WASHINGTON, D.C. 20005-3315



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7607.0001



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/18/2000

REEL/FRAME: 011382/0569

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MAHAFZA, BASSEM R.

DOC DATE: 10/02/2000

ASSIGNEE:

COLSA CORPORATION
6726 ODYSSEY DRIVE
HUNTSVILLE, ALABAMA 35806

SERIAL NUMBER: 09736850

10/05/2000
FILING DATE: 12/18/2000

PATENT NUMBER:

ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

C
Chap
3/16/01

To the Honorable Commissioner of Patents and Trademarks
Please record the attached original documents for co.

01570606

1. Name of conveying party(ies):
Bassem R. Mahfaza

2. Name and address of receiving party(ies):

Name: Colsa Corporation

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address:

3. Nature of conveyance:

Street Address: 6726 Odyssey Drive

☒ Assignment ☐ Merger

City: Huntsville

☐ Security Agreement ☐ Change of Name

State: AL Zip Code: 35806

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date: 10/02/00

☐ Yes ☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: 10/02/00

A. Patent Application Number(s):

B. Patent Number(s):

9/1736850

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

☐ Enclosed (Please charge deficiency to deposit account)☒ Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington

State: D.C. Zip: 20005-3315

8. Deposit Account No.: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Linda J. Thayer, Reg. No. 45,681

Signature

Date

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

WHEREAS I, the below named inventor, hereinafter referred to as Assignor, have made an invention entitled:

METHODS AND SYSTEMS FOR IMPROVED EXTRACTION OF A SIGNAL FROM A NOISY ENVIRONMENT

for which I executed an application for United States Letters Patent concurrently; and

WHEREAS, Colsa Corporation, a corporation of Alabama, whose post office address is 6726 Odyssey Drive, Huntsville, Alabama 35806 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, provisional application Serial No. 60/157,752, filed October 5, 1999, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set our hands.

County of SANTA CLARA)
State of CALIFORNIA)

ss.

Bassem R. Mahafza

By: Bassem R. Mahafza
Date: Oct, 2nd, 2000

Subscribed and sworn to before me this 2nd day of October, 2000

Linda Phillips, Notary Public

